# SeaQuest AEM report March 7<sup>th</sup>, 2016



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## **Targets**

- Site wide power outage on late Friday.
  - No refrigerator power caused both our targets to vent!
  - Target control computer is on UPS so venting was controlled and normal
  - Plan to start tonight the process of cooling down and filling the targets



### Drift chambers

- Implemented plan B for our spectrometer
- I-Beam extended to hold new St 1 and old St 1
- Thanks to PPD Mech Engineering & DDOD
  - R Bob Wands

  - Bill Gatfield





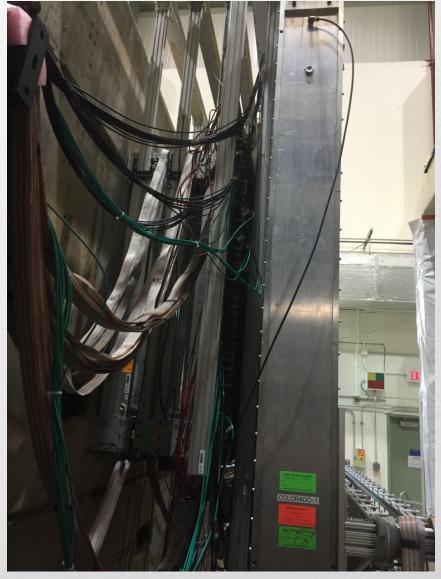
### Drift chambers status

- R New St 1
  - Broken wire removed from the chamber
  - Can hold voltage with cathode at 1800V and guard wires at 900V
  - Now flowing flammable gas
- "New" St 0 (Old St 1 chambers from Run 2)
  - New "old" St 1 drift chambers installed
  - Additional cables made and labeled
  - CR Chamber being cabled up
  - Survey yet to be done
- CR St 2:
  - Rully operational
- St 3+ & 3-:



## D0 & D1





#### Plan

- Complete cabling up the chambers by today afternoon
- Receive Operational Readiness Clearance (ORC) after sending the pictures of cabled chambers
- Reproduction beam this evening on solid targets
- Cryo-target cool down as soon as we get liquid Helium